



DEGO

Definition of Sound

Master 3000 MW

HIGH TECH ALUMINIUM CONE DRIVER

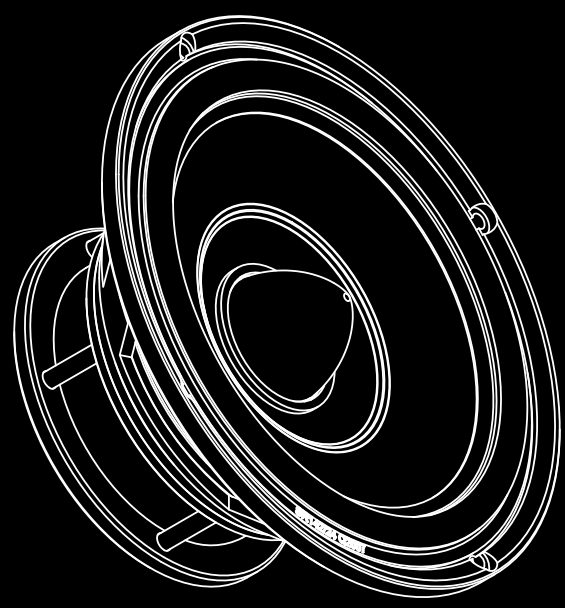
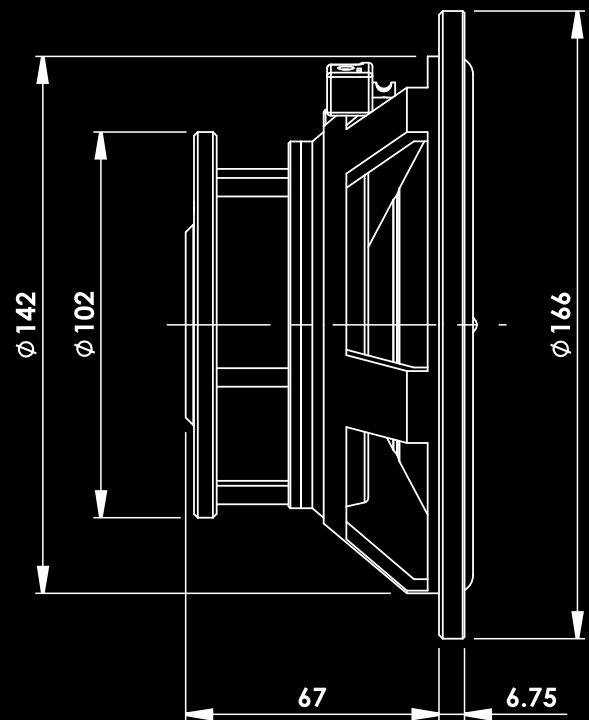
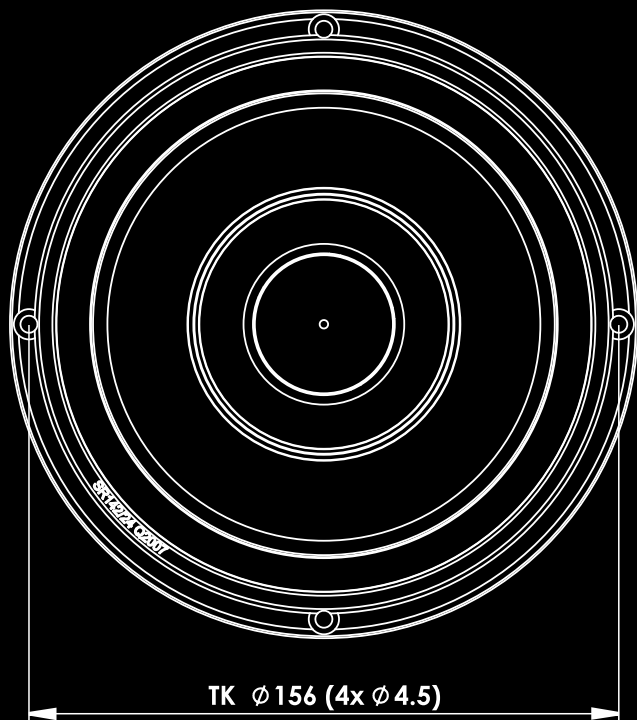
Owner's manual for the Woofer set

Master SERIES

Designed, engineered & manufactured in Germany

MASTER 3000MW SPECIFICATIONS

Woofer	(inch)	6.5	Mounting Depth	(mm)	67.4
Impedance	(Ohm)	4	Outside Diameter	(mm)	166
Nominal Power	(Watt)	100	Mounting Diameter	(mm)	142
Peak Power	(Watt)	120			
Frequency Response	(Hz)	45 - 6k			
Sensitivity	(db,1W/1m)	90			



CONGRATULATIONS!

You have just purchased the DEGO Reference Midwoofer Master 3000 MW.

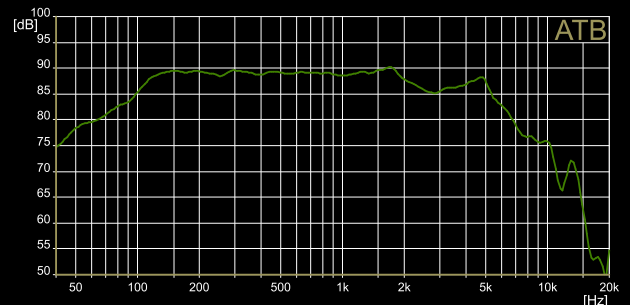
The totally new developed aluminium cone with R.A.C.E technology a strong neodymium magnet, optimized rubber surround, vented basket and outstanding pillar design makes the DEGO Reference Midwoofer one of the finest speakers in German engineering.



MASTER 3000MW SPECIFICATIONS

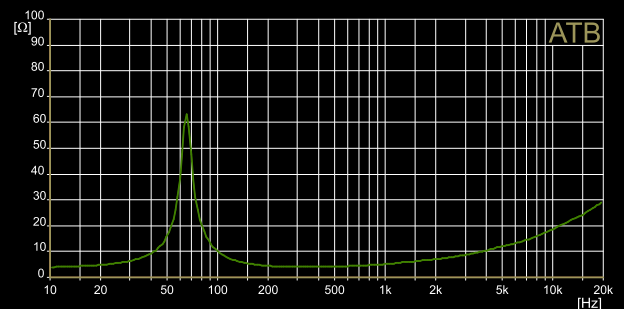
DC resistance	Re	3.4	Ω
Nominal impedance	Zn	4	Ω
Voice coil inductance	Le	0.29	mH
Voice coil diameter		37	mm
Voice coil height		12	mm
Height of gap		6	mm
Linear excursion		± 3	mm
Max. mech. excursion		± 10	mm

Frequency response [1W/1m]



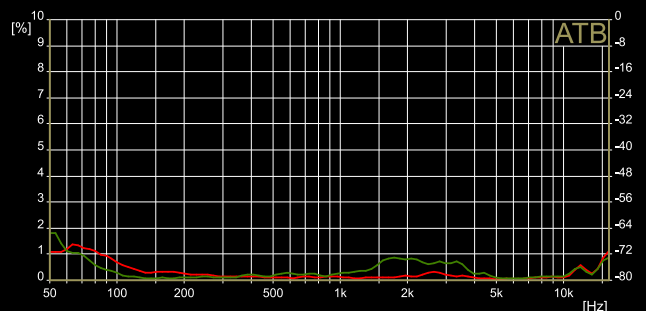
Resonance frequency	fs	62	Hz
Mechanical Q factor	Qms	10	
Electical Q factor	Qes	0.42	
Total Q factor	Qt	0.41	

Impedance



Moving mass	Mms	13.5	g
Effective piston area	Sd	135	cm ²
Mechanical Resistance	Rms	0.53	kg/s
Compliance	Cms	0.47	mm/N
Force factor	Bl	6.54	Tm
Equivalent volume	Vas	12.1	dm ³
Efficiency		0.69	%
SPL 1W/1m		90	dB
SPL 2.83V/1m		93	dB

Harmonic Distortion [1W/1m]



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